

Mbsm.pro, compressor, Embraco, EGUS 80HLP, EGUS80HLP, lbp, 1/4 hp, r134a

written by Lilianne | 10 November 2024



Embraco EGUS 80HLP compressor along with its specifications and details related to **LBP (Low Back Pressure)** applications:

Specification	Details
Model	EGUS 80HLP
Type	Hermetic Compressor
Refrigerant	R-134a
Voltage	115-127V / 220-240V
Frequency	60 Hz (for 115V) / 50 Hz (for 220V)
Nominal Horsepower	1/4 HP (0.25 HP)
Displacement	6.36 cm ³

Specification	Details
Cooling Capacity @ -10°F	840 BTU
Cooling Capacity @ 20°F	1995 BTU
Cooling Capacity @ 45°F	3530 BTU
Power Consumption	Approximately 187 watts (0.24 kW)
Application Type	Designed for LBP applications, adaptable for medium/high back pressure (M/HBP) applications
Typical Uses	– Refrigerators
	– Freezers
	– Ice machines
	– Commercial displays and vending machines

This table provides a comprehensive overview of the Embraco EGUS 80HLP compressor, highlighting its specifications, performance metrics, and suitability for low back pressure applications.



EMZUBHLP	R-134a	V 60 Hz 1 -	60 Hz	LBP	1/4	1,32	197	6,76	ISO10	RSIR	LST	ASHRAE32
EMZUBHLP	R-134a	115-127 V 60 Hz 1 -	60 Hz	LBP	1/4	1,32	197	6,76	ISO10	RSCR - 12 μ F	LST	ASHRAE32
EMZUBHLP	R-134a	115-127 V 60 Hz 1 -	60 Hz	LBP	1/4	1,32	197	6,76	ISO10	RSCR - 15 μ F	LST	ASHRAE32
EMZUBHLP	R-134a	115-127 V 60 Hz 1 -	60 Hz	LBP	1/4	1,46	199	6,76	ISO10	RSCR - 12 μ F	LST	ASHRAE32
EMZUBHLP	R-134a	115-127 V 60 Hz 1 -	60 Hz	LBP	1/4	1,46	199	6,76	ISO10	RSCR - 15 μ F	LST	ASHRAE32
EMZUBHLP	R-134a	115-127 V 60 Hz 1 -	60 Hz	LBP	1/4	1,42	199	6,76	ISO10	RSIR	LST	ASHRAE32
EGUS80HLP	R-134a	115-127 V 60 Hz 1 -	60 Hz	LBP	1/4	1,38	203	6,36	ISO10	RSIR	LST	ASHRAE32
EG080HLC	R-134a	115-127 V 60 Hz 1 -	60 Hz	LBP	1/4	1,59	204	6,44	ISO10	RSCR - 12 μ F	LST	ASHRAE32

EGAS80HLP	R-134a	115-127 V 60 Hz 1 -	60 Hz	LBP	1/4	1,24	204	6,44	ISO10	RSIR	LST	ASHRAE32
EGAS80HLR	R-134a	115-127 V 60 Hz 1 -	60 Hz	LBP	1/4+	1,32	205	6,36	ISO10	RSTR-CSIR	LST	ASHRAE32
EGX80HLC	R-134a	115-127 V 60 Hz 1 -	60 Hz	LBP	1/4	1,55	205	6,36	ISO10	RSCR - 12 μ F	LST	ASHRAE32
EMZ280HLT	R-134a	115-127 V 60 Hz 1 -	60 Hz	LBP	1/4	1,51	205	6,76	ISO10	RSCR - 12 μ F	LST	ASHRAE32
EMZ280HLT	R-134a	115-127 V 60 Hz 1 -	60 Hz	LBP	1/4	1,51	205	6,76	ISO10	RSCR - 15 μ F	LST	ASHRAE32
ONE 80HLP	R-134a	115-127 V 60 Hz 1 -	60 Hz	LBP	1/4	1,44	207	6,36	ISO10	RSIR	LST	ASHRAE32
EG080HLC	R-134a	115-127 V 60 Hz 1 -	60 Hz	LBP	1/4	1,59	204	6,44	ISO10	RSCR - 12 μ F	LST	ASHRAE32

Embraco EGUS 80HLPDownload

Mbsm.pro, Compressor, CRAQ-0150-PFV-501, Copeland, 1-1/2 HP, 208-230V, 1 PH, 17,000 BTU, R22, R407C, Hermetic

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Copeland™ Three Phase Compressor Models

TONNAGE	CR6/5 Ton	CRKQ	CR7	CR1,2,3	CRKF	CRKH	ZRK5/K3
1.5T	CR18K6-TF5	CR18KQ-TF5		CRA1-0150-TF5			
	CR18K6-TFD	CR18KQ-TFD		CRA1-0150-TFC			
	CR22K6-TF5			CRA1-0150-TFD			
2T	CR22K6-TFD			CRC1-0175-TF5			ZR21K5-TF5
	CR24K6-TF5	CR24KQ-TF5		CRD1-0200-TF5			ZR21K5-TFD
	CR24K6-TFD	CR24KQ-TFD		CRD1-0200-TFD			ZR25K5-TF5
	CR28K6-TF5	CR28KQ-TF5	CR28K7-TF5	CRE1-0225-TF5			ZR25K5-TFD
	CR28K6-TFD	CR28KQ-TFD		CRE1-0225-TFD			ZR28K5-TF5
	CR30K6-TF5						ZR28K5-TFD
	CR30K6-TFD	CR30KQ-TFD		CRF1-0250-TFD			ZR28K5-TFD
3T	CR32K6-TF5	CR32KQ-TF5	CR31K7-TF5	CRF1-0250-TF5			ZR32K5-TF5
	CR32K6-TFD	CR32KQ-TFD		CRG3-0250-TF5			ZR32K5-TFD
	CR32K6-TFE	CR33KQ-TFD		CRG3-0250-TFD			ZR32K5-TFE
	CR35K6-TF5	CR34KQ-TF5		CRH3-0275-TF5			ZR32K5-TF5
	CR35K6-TFD	CR36KQ-TF5		CRH3-0275-TFD			ZR32K5-TFD
	CR35K6-TFE	CR34KQ-TFD		CRH3-0275-TFE			ZR32K5-TFE
	CR38K6-TF5	CR37KQ-TF5		CRJ3-0300-TF5			ZR38K5-TF5
	CR38K6-TFD	CR37KQ-TFD		CRJ3-0300-TFD			ZR38K5-TFD
	CR38K6-TFE			CRJ3-0300-TFE			ZR38K5-TFE
	CR42K6-TF5	CR41KQ-TF5		CRK3-0325-TF5			ZR42K5-TF5
	CR42K6-TFD	CRKQ-0325-TF5		CRK3-0325-TFD			ZR42K5-TFD
3.5T	CR42K6-TFE	CR41KQ-TFD		CRK3-0325-TFE			ZR42K5-TFE
		CR41KQ-TFD		CRK3-0325-TFD			ZR48K5-TF5
		CR47KQ-TF5		CRK3-0325-TFD			ZR48K5-TFD
4T				CRK3-0325-TFD			ZR48K5-TFD

Code	Hz-Phase-Volts
PFV	60-1-208/230
PFJ	60-1-265
TF5	60-3-200/230
TFD	60-3-460
TFE	60-3-575

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The compressor model CRAQ-0150-PFV-501 is a Hermetic compressor manufactured by Copeland. It is a 1-phase, 208/230V compressor designed for air conditioning applications. The compressor uses HCFC or R-22 refrigerant and operates at 60Hz.

Here are some of the key specifications of the CRAQ-0150-PFV-501 compressor:

- **Capacity:** 18,300 – 23,900 BTU/hr
- **Power:** 1,910 – 1,520 W
- **Current:** 8.8 – 7.0 Amps
- **EER:** 9.6 – 15.7 BTU/Wh
- **Mass Flow:** 268 – 308 lbs/hr
- **Sound Power:** 72 – 77 dBA
- **Vibration:** 1.7 – 2.7 mils (peak-peak)
- **Displacement:** 2.00 in³/Rev
- **Overall Length:** 9.44 in
- **Overall Width:** 9.13 in
- **Overall Height:** 13.56 in

- **Mounting Length:** 7.50 in
- **Mounting Width:** 7.50 in
- **Mounting Height:** 13.94 in
- **Suction Size:** 5/8 in
- **Discharge Size:** 3/8 in
- **Initial Oil Charge:** 55 oz
- **Oil Recharge:** 51 oz
- **Net Weight:** 61.0 lbs
- **Internal Free Volume:** 345.0 in³

This compressor is no longer in production and has been replaced by newer, more efficient models. However, it is still a popular choice for replacement applications due to its reliability and performance.

Mbsm.pro, Compressor, QX-34F050, 2 hp, r22, GREE, Rotary Compressor, 20185Btu

written by Lilianne | 10 November 2024



QX-34F050 is a model number for a rotary compressor, specifically the Gree Landa Compressor QX-34F050gA.

Key Features:

- **Refrigerant:** R22
- **Input Power:** 1810W
- **Cooling Capacity:** 20185 BTU/H
- **Voltage:** 220-240V, 50Hz
- **Applications:** Air conditioning, dryers, refrigeration, chillers, etc.



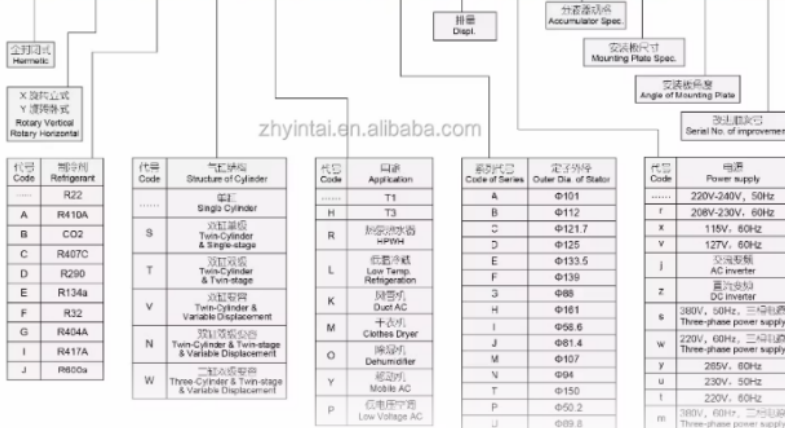
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ROTARY COMPRESSOR NOMENCLATURE

命名方式一 Naming Rule I

Q X C S H - B 17 x B 0 90 A

Zhiyintai Rotary Compressor



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Model	QX-34F050gA
Displacement	33.7ML/REV
Input	1810W
Capacity	5916W 20185BTU/H
Refrigerant	R22
Voltage	220-240V.50HZ
Cop	3.27W/W
Height	327mm
Usage	T1 working condition

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T1 R22 \ [1φ] 220-240V 50Hz										
系列 Series	压缩机型号 Model	排量 Displ. (CC)	冷量 Capacity (Btu/h)	制冷量 Refrigerating capacity (W)	功率 Power (W)	COP (I/W)	电容 Capacitor (μF)	压缩机高度 Compressor height (mm)	测试工况 Test conditions	
C	QX-C202	20.2	12912	3784	870	4.35	35μF/450V	293	高性能工况	
		20.2	13608	3360	1050	3.20			ASHRAE/T	
	QX-C214	21.1	12010	3988	917	4.35	35μF/450V	293	高性能工况	
		21.1	12584	3520	1100	3.20			ASHRAE/T	
	QX-C217	21.7	12584	3682	1150	3.20	35μF/450V	293	ASHRAE/T	
	QX-C222	22.2	12999	3810	1189	3.20	35μF/450V	293	ASHRAE/T	
	QX-C229	22.9	13364	3917	1223	3.20	35μF/450V	293	ASHRAE/T	
QX-C238	23.8	13817	4049	1277	3.17	35μF/450V	293	ASHRAE/T		
D	QX-D273	27.3	15870	4651	1452	3.20	45μF/450V	307	ASHRAE/T	
	QX-D287	28.7	16719	4901	1585	3.30	50μF/450V	307	ASHRAE/T	
	QX-D29	29.0	16810	4927	1579	3.12	40μF/450V	307	ASHRAE/T	
	QX-D295	29.8	17333	5080	1539	3.30	50μF/450V	307	ASHRAE/T	
	QX-D305	30.7	17913	5250	1591	3.30	50μF/450V	307	ASHRAE/T	
	QX-32	31.5	18654	5467	1735	3.15	45μF/450V	307	ASHRAE/T	
	QX-D336	33.6	20185	5916	1896	3.12	50μF/450V	307	ASHRAE/T	
F	QX-F295	29.6	19517	5720	1285	4.45	45μF/450V	321	高性能工况	
		29.6	17489	5120	1552	3.30	45μF/450V		ASHRAE/T	
	QX-F305	30.6	20421	5985	1345	4.45	50μF/450V	311	高性能工况	
		30.6	18049	5290	1603	3.30	50μF/450V		ASHRAE/T	
	QX-F325	32.5	19350	5671	1746	3.25	50μF/450V	312	ASHRAE/T	
	QX-34	33.7	20185	5916	1810	3.27	55μF/450V	327	ASHRAE/T	
	QX-F36	35.6	21325	6250	1923	3.25	55μF/450V	327	ASHRAE/T	
QX-37	36.8	22100	6477	1991	3.25	60μF/450V	327	ASHRAE/T		

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Mbsm.pro, Compressor,
 KULTHORN, c-bzN101, 1/8 hp,
 1/8 hp, 100 w, r134a, C-
 BZN140L5Z (1/6Hp), C-
 BZN175L5Z (1/5Hp), C-
 BZN200L5R (1/4Hp), C-
 BZN250L5W (1/3Hp)

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c-bzN101 appears to be a model number for a KULTHORN refrigerator compressor. It's specifically a 1/8HP compressor, which is commonly used in smaller refrigerators.

**Mbsm.pro, Compressor,
SAMSUNG, MKV190GL2J, Bldc,
Inverter, from 93 to 210 w,
lbp, r134a, from 560 btu/h to
1167 btu/h**

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**Mbsm.pro, Compressor,
MC57LAEM, Lg, 171 w, 1/5 hp,
r134a, Lbp**

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- **Type:** Reciprocating compressor
- **Frequency:** 50Hz
- **Voltage:** 220-240V
- **Displacement:** 5.7 cm³/rev
- **Cooling Capacity:** 147 kcal/h
- **Input Power:** 171 W
- **COP:** 0.229
- **EER:** 106
- **HP:** 1/5 hp

This compressor is known for its reliable performance, energy efficiency, and quiet operation. It's a popular choice for

replacement in various refrigeration appliances.



R134a	LBP	220-240	50	MA62LDJM	6.2	150	174	596	1/5+	122	1.4	4.88	-	-	-	-	-	-
				MA62LBEG	6.2	150	174	596	1/5+	127	1.4	4.69	-	-	-	-	-	-
MA62LCEG	6.2	150	174	596	1/5+	127	1.4	4.69	-	-	-	-	-	-	-	-	-	
MA69LAEM	6.9	172	200	683	1/4+	148	1.4	4.61	-	-	-	-	-	-	-	-	-	
MA69LHEP	6.9	170	198	675	1/4+	159	1.2	4.24	-	-	-	-	-	-	-	-	-	
MA69LKEM	6.9	169	197	671	1/4+	135	1.5	4.97	-	-	-	-	-	-	-	-	-	
MA69LJEG	6.9	169	197	671	1/4+	152	1.3	4.41	-	-	-	-	-	-	-	-	-	
MA69LJEP	6.9	169	197	671	1/4+	152	1.3	4.41	-	-	-	-	-	-	-	-	-	
MA69LHEM	6.9	169	197	671	1/4+	146	1.4	4.61	-	-	-	-	-	-	-	-	-	
MA69LHEG	6.9	169	197	671	1/4+	152	1.3	4.41	-	-	-	-	-	-	-	-	-	
MA72LBJG	7.2	180	209	715	1/4+	162	1.3	4.41	-	-	-	-	-	-	-	-	-	
MA72LHEM	7.2	180	209	715	1/4+	155	1.4	4.61	-	-	-	-	-	-	-	-	-	
MA72LKEM	7.2	180	209	715	1/4+	144	1.5	4.96	-	-	-	-	-	-	-	-	-	
MA72LBEM	7.2	180	209	715	1/4+	155	1.4	4.61	-	-	-	-	-	-	-	-	-	
MA72LJEP *	7.2	180	209	715	1/4+	162	1.3	4.41	-	-	-	-	-	-	-	-	-	
MA72LJEG *	7.2	180	209	715	1/4+	162	1.3	4.41	-	-	-	-	-	-	-	-	-	
MA72LHEG	7.2	180	209	715	1/4+	162	1.3	4.41	-	-	-	-	-	-	-	-	-	
MAB8LAEP	8.8	235	273	933	1/3+	227	1.2	4.11	-	-	-	-	-	-	-	-	-	
220-240 220	50 60	MA53LATG	5.3	124	144	492	1/6+	123	1.2	4.00	146	169	580	132	1	4	4	
		MA53LHEM	5.3	140	163	556	1/5+	104	1.6	5.34	-	-	-	-	-	-	-	
220-240	50	MC53LBEM	5.3	139	162	552	1/5+	105	1.5	5.26	-	-	-	-	-	-	-	
		MC57LAEM	5.7	147	171	584	1/5+	106	1.6	5.50	-	-	-	-	-	-	-	
		MC57LBEM	5.7	147	171	584	1/5+	106	1.6	5.50	-	-	-	-	-	-	-	
220	50	MA57LBJM	5.7	145	169	576	1/5+	109	1.5	5.28	-	-	-	-	-	-	-	
HBP	220-240	50	MA53HAEP	5.3	440	512	1747	1/5+	233	2.2	7.50	-	-	-	-	-	-	-
			MA42HJEP	4.2	355	413	1409	1/7	180	2.3	7.83	-	-	-	-	-	-	-
			MA62HAEG	6.2	520	605	2064	1/5+	275	2.2	7.51	-	-	-	-	-	-	-
			MA62HAEP	6.2	520	605	2064	1/5+	275	2.2	7.51	-	-	-	-	-	-	-
			MA53HJEP	5.3	440	512	1747	1/5	233	2.2	7.50	-	-	-	-	-	-	-
			MA72HAEP	7.2	630	733	2501	1/4+	355	2.1	7.05	-	-	-	-	-	-	-

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